



Pickett, Kelm & Associates, Inc.
 Consulting Structural Engineers

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The bridge at hole No. 6 is 6 feet wide.

First Tee of Greater Austin Golf Cart Bridges

PROJECT LOCATION: AUSTIN, TEXAS

PROJECT OWNER: FIRST TEE OF GREATER AUSTIN

CIVIL ENGINEER: MURFEE ENGINEERING

GENERAL CONTRACTOR: JCF BRIDGE

PROJECT COMPLETED: 2005

CONSTRUCTION COST: \$400,000

PROJECT DESCRIPTION:

Pickett, Kelm & Associates, Inc. provided structural engineering design for two prefabricated steel golf cart bridges at the First Tee of Austin Golf Course in Austin, Texas. The bridges each consist of a 110 foot long arched main span, with 40 foot long steel truss end spans.



The bridge at hole #7 is 8 feet wide.

At both bridges, the decking consists of Ipe ("eepay") hardwood plank supported by weathering steel stringers and beams. Weathering steel half-through pony trusses provide support for the stringers. An Ipe rubrail was provided at the inside face of the rails. The substructure consists of reinforced concrete bents and abutments supported by drilled concrete shaft piers.

In addition to the golf cart bridges, PKA also designed a 10 foot wide low water crossing bridge structure, consisting of precast concrete box beams with a cast-in-place concrete deck.